#8

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/038,001

DATE: 01/27/2002
TIME: 15:36:32

Input Set : D:\008010179CPUS01.txt
Output Set: N:\CRF3\01272002\J038001.raw

ENTERED

<110> APPLICANT: PALMER, Kenneth E.
POGUE, Gregory P.
McCORMICK, Alison

<120> TITLE OF INVENTION: ROLLING CIRCLE REPLICON EXPRESSION VECTORS

<130> FILE REFERENCE: 008010179CPUS01

C--> <140> CURRENT APPLICATION NUMBER: US/10/038,001

C--> <141> CURRENT FILING DATE: 2001-12-20

<150> PRIOR APPLICATION NUMBER: 09/505,477

<151> PRIOR FILING DATE: 2000-02-16

<160> NUMBER OF SEQ ID NOS: 9

<170> SOFTWARE: FastSEQ for Windows Version 4.0

<210> SEQ ID NO: 1

<211> LENGTH: 5285

<212> TYPE: DNA

<213> ORGANISM: Porcine circovirus

<400> SEQUENCE: 1

agcgcccaat acgcaaaccg cctctccccg cgcgttggcc gattcattaa tgcagctggc 60
acgacaggtt tcccgactgg aaagcgggca gtgagcgcaa cgcaattaat gtgagttagc 120
tcactcatta ggcaccccag gctttacact ttatgcttcc ggctcgtatg ttgtgtggaa 180
ttgtgagcgg ataacaattt cacacaggaa acagctatga ccatgattac gccaagctat 240
ttaggtgaca ctatagaata ctcaagctat gcatcaagct tggtaccgag ctcggatcca 300
ctagtaacgg ccgccagtgt gctggaattc gcccttattt aaatggagcc acagctggtt 360
tcttttatta tttgggtgga accaatcaat tgtttggtcc agctcaggtt tgggggtgaa 420
gtacctggag tggtaggtaa agggctgcct tatggtgtgg cgggaggagt agttaatata 480
ggggtcatag gccaagttgg tggagggggt tacaaagttg gcatccaaga taacaacagt 540
ggacccaaca cctctttgat tagaggtgat ggggtctctg gggtaaaatt catatttagc 600
ctttctaata cggtagtatt ggaaaggtag gggtaggggg ttggtgccgc ctgaggggg 660
gaggaactgg ccgatgttga atttgaggta gttaacattc caagatggct gcgagtatcc 720
tccttttatg gtgagtacaa attctgtaga aaggcgggaa ttgaagatac ccgtctttcg 780
gcgccatctg taacggtttc tgaaggcggg gtgtgccaaa tatggtcttc tccggaggat 840
gtttccaaga tggctgcggg ggcgggtcct tcttctgcgg taacgcctcc ttggccacgt 900
catcctataa aagtgaaaga agtgcgctgc tgtagtatta ccagcgcact tcggcagcgg 960
cagcacctcg gcagcgtcag tgaaaatgcc aagcaagaaa agcggcccgc aaccccataa 1020
gaggtgggtg ttcaccctta ataatccttc cgaggaggag aaaaacaaaa tacgggagct 1080
tccaatctcc ctttttgatt attttgtttg cggagaggaa ggtttggaag agggtagaac 1140
tcctcacctc caggggtttg cgaattttgc taagaagcag acttttaaca aggtgaagtg 1200
gtattttggt gcccgctgcc acatcgagaa agcgaaagga accgaccagc agaataaaga 1260
atactgcagt aaagaaggcc acatacttat cgagtgtgga gctccgcgga accaggggaa 1320
gcgcagcgac ctgtctactg ctgtgagtac ccttttggag acggggtctt tggtgactgt 1380
agccgagcag ttccctgtaa cgtatgtgag aaatttccgc gggctggctg aacttttgaa 1440
agtgagcggg aagatgcagc agcgtgattg gaagacagct gtacacgtca tagtgggccc 1500
gcccggttgt gggaagagcc agtgggcccg taattttgct gagcctaggg acacctactg 1560

RAW SEQUENCE LISTING DATE: 01/27/2002
PATENT APPLICATION: US/10/038,001 TIME: 15:36:32

Input Set : D:\008010179CPUS01.txt
Output Set: N:\CRF3\01272002\J038001.raw

57 gaagcctagt agaaataagt ggtgggatgg atatcatgga gaagaagttg ttgttttgga 1620
58 tgatttttat ggctggttac cttgggatga tctactgaga ctgtgtgacc ggtatccatt 1680
59 gactgtagag actaaagggg gtactgttcc ttttttggcc cgcagtattt tgattaccag 1740
60 caatcaggcc ccccaggaat ggtactcctc aactgctgtc ccagctgtag aagctctcta 1800
61 tcggaggatt actactttgc aattttggaa gactgctgga gaacaatcca cggaggtacc 1860
62 cgaaggccga tttgaagcag tggacccacc ctgtgccctt ttcccatata aaataaatta 1920
63 ctgagtcttt tttgttatca catcgtaatg gtttttattt ttatttattt agagggtctt 1980
64 ttaggataaa ttctctgaat tgtacataaa tagtcagcct taccacataa ttttgggctg 2040
65 tggctgcatt ttggagcgca tagccgaggc ctgtgtgctc gacattggtg tgggtattta 2100
66 aaaagggcga attctgcaga tatccatcac actggcggcc gctcgagcat gcatctagag 2160
67 ggcccaattc gccctatagt gagtcgtatt acaattcact ggccgtcgtt ttacaacgtc 2220
68 gtgactggga aaaccctggc gttacccaac ttaatcgcct tgcagcacat ccccctttcg 2280
69 ccagctggcg taatagcgaa gaggcccgca ccgatcgccc ttcccaacag ttgcgcagcc 2340
70 tatacgtacg gcagtttaag gtttacacct ataaaagaga gagccgttat cgtctgtttg 2400
71 tggatgtaca gagtgatatt attgacacgc cggggcgacg gatggtgatc cccctggcca 2460
72 gtgcacgtct gctgtcagat aaagtctccc gtgaacttta cccggtggtg catatcgggg 2520
73 atgaaagctg gcgcatgatg accaccgata tggccagtgt gccggtctcc gttatcgggg 2580
74 aagaagtggc tgatctcagc caccgcgaaa atgacatcaa aaacgccatt aacctgatgt 2640
75 tctggggaat ataaatgtca ggcatgagat tatcaaaaag gatcttcacc tagatccttt 2700
76 tcacgtagaa agccagtccg cagaaacggt gctgaccccg gatgaatgtc agctactggg 2760
77 ctatctggac aagggaaaac gcaagcgcaa agagaaagca ggtagcttgc agtgggctta 2820
78 catggcgata gctagactgg gcggttttat ggacagcaag cgaaccggaa ttgccagctg 2880
79 gggcgccctc tggtaaggtt gggaagccct gcaaagtaaa ctggatggct ttctcgccgc 2940
80 caaggatctg atggcgcagg ggatcaagct ctgatcaaga gacaggatga ggatcgtttc 3000
81 gcatgattga acaagatgga ttgcacgcag gttctccggc cgcttgggtg gagaggctat 3060
82 tcggctatga ctgggcacaa cagacaatcg gctgctctga tgccgccgtg ttccggctgt 3120
83 cagcgcaggg gcgcccggtt ctttttgtca agaccgacct gtccggtgcc ctgaatgaac 3180
84 tgcaagacga ggcagcgcgg ctatcgtggc tggccacgac gggcgttcct tgcgcagctg 3240
85 tgctcgacgt tgtcactgaa gcgggaaggg actggctgct attgggcgaa gtgccggggc 3300
86 aggatctcct gtcatctcac cttgctcctg ccgagaaagt atccatcatg gctgatgcaa 3360
87 tgcggcggct gcatacgctt gatccggcta cctgcccatt cgaccaccaa gcgaaacatc 3420
88 gcatcgagcg agcacgtact cggatggaag ccggtcttgt cgatcaggat gatctggacg 3480
89 aagagcatca ggggctcgcg ccagccgaac tgttcgccag gctcaaggcg agcatgcccg 3540
90 acggcgagga tgtcgtcgtg acccatggcg atgcctgctt gccgaatatc atggtggaaa 3600
91 atggccgctt ttctggattc atcgactgtg gccggctggg tgtggcggac cgctatcagg 3660
92 acatagcgtt ggctacccgt gatattgctg aagagcttgg cggcgaatgg gctgaccgct 3720
93 tcctcgtgct ttacggtatc gccgctcccg attcgcagcg catcgccttc tatcgccttc 3780
94 ttgacgagtt cttctgaatt attaacgctt acaatttcct gatgcggtat tttctcctta 3840
95 cgcatctgtg cggtatttca caccgcatac aggtggcact tttcggggaa atgtgcgcgg 3900
96 aacccctatt tgtttatttt tctaaataca ttcaaatatg tatccgctca tgagacaata 3960
97 accctgataa atgcttcaat aatagcacgt gaggagggcc accatggcca agttgaccag 4020
98 tgccgttccg gtgctcaccg cgcgcgacgt cgccggagcg gtcgagttct ggaccgaccg 4080
99 gctcgggttc tcccgggact tcgtggagga cgacttcgcc ggtgtggtcc gggacgacgt 4140
100 gaccctgttc atcagcgcgg tccaggacca ggtggtgccg gacaacaccc tggcctgggt 4200
101 gtgggtgcgc ggcctggacg agctgtacgc cgagtggtcg gaggtcgtgt ccacgaactt 4260
102 ccgggacgcc tccgggccgg ccatgaccga gatcggcgag cagccgtggg ggcgggagtt 4320
103 cgccctgcgc gacccggccg gcaactgcgt gcacttcgtg gccgaggagc aggactgaca 4380
104 cgtgctaaaa cttcattttt aatttaaaag gatctaggtg aagatccttt ttgataatct 4440
105 catgaccaaa atcccttaac gtgagttttc gttccactga gcgtcagacc ccgtagaaaa 4500

RAW SEQUENCE LISTING DATE: 01/27/2002
PATENT APPLICATION: US/10/038,001 TIME: 15:36:32

Input Set : D:\008010179CPUS01.txt
Output Set: N:\CRF3\01272002\J038001.raw

106 gatcaaagga tcttcttgag atccttttt tctgcgcgta atctgctgct tgcaaacaaa 4560
107 aaaaccaccg ctaccagcgg tggtttgttt gccggatcaa gagctaccaa ctcttttcc 4620
108 gaaggtaact ggcttcagca gagcgcagat accaaatact gtccttctag tgtagccgta 4680
109 gttaggccac cacttcaaga actctgtagc accgcctaca tacctcgctc tgctaatcct 4740
110 gttaccagtg gctgctgcca gtggcgataa gtcgtgtctt accgggttgg actcaagacg 4800
111 atagttaccg gataaggcgc agcggtcggg ctgaacgggg ggttcgtgca cacagcccag 4860
112 cttggagcga acgacctaca ccgaactgag atacctacag cgtgagctat gagaaagcgc 4920
113 cacgcttccc gaagggagaa aggcggacag gtatccggta agcggcaggg tcggaacagg 4980
114 agagcgcacg agggagcttc cagggggaaa cgcctggtat ctttatagtc ctgtcgggtt 5040
115 tcgccacctc tgacttgagc gtcgattttt gtgatgctcg tcaggggggc ggagcctatg 5100
116 gaaaaacgcc agcaacgcgg cctttttacg gttcctgggc ttttgctggc cttttgctca 5160
117 catgttcttt cctgcgttat cccctgattc tgtggataac cgtattaccg cctttgagtg 5220
118 agctgatacc gctcgccgca gccgaacgac cgagcgcagc gagtcagtga gcgaggaagc 5280
119 ggaag 5285
121 <210> SEQ ID NO: 2
122 <211> LENGTH: 5650
123 <212> TYPE: DNA
124 <213> ORGANISM: Porcine circovirus
126 <400> SEQUENCE: 2
127 ggatcgatcc ggctgtggaa tgtgtgtcag ttagggtgtg gaaagtcccc aggctcccca 60
128 gcaggcagaa gtatgcaaag catgcatcaa gcttggtacc gagctcggat ccactagtaa 120
129 cggccgccag tgtgctggaa ttcgccctta tttaaatgga gccacagctg gtttctttta 180
130 ttatttgggt ggaaccaatc aattgtttgg tccagctcag gtttgggggt gaagtacctg 240
131 gagtggtagg taaagggctg ccttatggtg tggcgggagg agtagttaat ataggggtca 300
132 taggccaagt tggtggaggg ggttacaaag ttggcatcca agataacaac agtggaccca 360
133 acacctcttt gattagaggt gatggggtct ctggggtaaa attcatattt agcctttcta 420
134 atacggtagt attggaaagg taggggtagg gggttggtgc cgcctgaggg ggggaggaac 480
135 tggccgatgt tgaatttgag gtagttaaca ttccaagatg gctgcgagta tcctcctttt 540
136 atggtgagta caaattctgt agaaaggcgg gaattgaaga tacccgtctt tcggcgccat 600
137 ctgtaacggt ttctgaaggc ggggtgtgcc aaatatggtc ttctccggag gatgtttcca 660
138 agatggctgc gggggcgggt ccttcttctg cggtaacgcc tccttggcca cgtcatccta 720
139 taaaagtgaa agaagtgcgc tgctgtagta ttaccagcgc acttcggcag cggcagcacc 780
140 tcggcagcgt cagtgaaaat gccaagcaag aaaagcggcc cgcaacccca taagaggtgg 840
141 gtgttcaccc ttaataatcc ttccgaggag gagaaaaaca aaatacggga gcttccaatc 900
142 tccctttttg attattttgt ttgcggagag gaaggtttgg aagagggtag aactcctcac 960
143 ctccaggggt ttgcgaattt tgctaagaag cagactttta acaaggtgaa gtggtatttt 1020
144 ggtgcccgct gccacatcga gaaagcgaaa ggaaccgacc agcagaataa agaatactgc 1080
145 agtaaagaag gccacatact tatcgagtgt ggagctccgc ggaaccaggg gaagcgcagc 1140
146 gacctgtcta ctgctgtgag taccctttg gagacggggt ctttggtgac tgtagccgag 1200
147 cagttccctg taacgtatgt gagaaatttc cgcgggctgg ctgaactttt gaaagtgagc 1260
148 gggaagatgc agcagcgtga ttggaagaca gctgtacacg tcatagtggg cccgcccggt 1320
149 tgtgggaaga gccagtgggc ccgtaatttt gctgagccta gggacaccta ctggaagcct 1380
150 agtagaaata agtggtggga tggatatcat ggagaagaag ttgttgtttt ggatgatttt 1440
151 tatggctggt taccttggga tgatctactg agactgtgtg accggtatcc attgactgta 1500
152 gagactaaag ggggtactgt tccttttttg gcccgcagta ttttgattac cagcaatcag 1560
153 gccccccagg aatggtactc ctcaactgct gtcccagctg tagaagctct ctatcggagg 1620
154 attactactt tgcaattttg gaagactgct ggagaacaat ccacggaggt acccgaaggc 1680
155 cgatttgaag cagtggaccc accctgtgcc cttttcccat ataaaataaa ttactgagtc 1740
156 ttttttgtta tcacatcgta atggttttta tttttattta tttagagggt cttttaggat 1800

RAW SEQUENCE LISTING DATE: 01/27/2002
PATENT APPLICATION: US/10/038,001 TIME: 15:36:32

Input Set : D:\008010179CPUS01.txt
Output Set: N:\CRF3\01272002\J038001.raw

157 aaattctctg aattgtacat aaatagtcag ccttaccaca taattttggg ctgtggctgc 1860
158 attttggagc gcatagccga ggcctgtgtg ctcgacattg gtgtgggtat ttaaataagg 1920
159 gcgaattctg cagatatcca tcacactggc ggccgctcga gtctagaggg cccgtttaaa 1980
160 cccgctgatc agcctcgact gtgccttcta gttgccagcc atctgttgtt tgcccctccc 2040
161 ccgtgccttc cttgaccctg gaaggtgcca ctcccactgt cctttcctaa taaaatgagg 2100
162 aaattgcatc gcattgtctg agtaggtgtc attctattct ggggggtggg gtggggcagg 2160
163 acagcaaggg ggaggattgg gaagacaata gcaggcatgc tggggatgcg gtgggctcta 2220
164 tggcttctga ggcggaaaga accagcatgt gagcaaaagg ccagcaaaag gccaggaacc 2280
165 gtaaaaaggc cgcgttgctg gcgtttttcc ataggctccg ccccccctgac gagcatcaca 2340
166 aaaatcgacg ctcaagtcag aggtggcgaa acccgacagg actataaaga taccaggcgt 2400
167 ttccccctgg aagctccctc gtgcgctctc ctgttccgac cctgccgctt accggatacc 2460
168 tgtccgcctt tctcccttcg ggaagcgtgg cgctttctca tagctcacgc tgtaggtatc 2520
169 tcagttcggt gtaggtcgtt cgctccaagc tgggctgtgt gcacgaaccc cccgttcagc 2580
170 ccgaccgctg cgccttatcc ggtaactatc gtcttgagtc caacccggta agacacgact 2640
171 tatcgccact ggcagcagcc actggtaaca ggattagcag agcgaggtat gtaggcggtg 2700
172 ctacagagtt cttgaagtgg tggcctaact acggctacac tagaagaaca gtatttggta 2760
173 tctgcgctct gctgaagcca gttaccttcg gaaaaagagt tggtagctct tgatccggca 2820
174 aacaaaccac cgctggtagc ggtggttttt ttgtttgcaa gcagcagatt acgcgcagaa 2880
175 aaaaaggatc tcaagaagat cctttgatct tttctacggg gtctgacgct cagtggaacg 2940
176 aaaactcacg ttaagggatt ttggtcatga cattaaccta taaaaatagg cgtatcacga 3000
177 ggccctttcg tctcgcgcgt ttcggtgatg acggtgaaaa cctctgacac atgcagctcc 3060
178 cggagacggt cacagcttgt ctgtaagcgg atgccgggag cagacaagcc cgtcagggcg 3120
179 cgtcagcggg tgttggcggg tgtcggggct ggcttaacta tgcggcatca gagcagattg 3180
180 tactgagagt gcaccatatg cggtgtgaaa taccgcacag atgcgtaagg agaaaatacc 3240
181 gcatcaggac gcgccctgta gcggcgcatt aagcgcggcg ggtgtggtgg ttacgcgcag 3300
182 cgtgaccgct acacttgcca gcgccctagc gcccgctcct ttcgctttct tcccttcctt 3360
183 tctcgccacg ttcgccggct ttccccgtca agctctaaat cgggggctcc ctttagggtt 3420
184 ccgatttagt gctttacggc acctcgaccc caaaaaactt gattagggtg atggttcacg 3480
185 tagtgggcca tcgccctgat agacggtttt tcgcccttg acgttggagt ccacgttctt 3540
186 taatagtgga ctcttgttcc aaactggaac aacactcaac cctatctcgg tctattcttt 3600
187 tgatttataa gggattttgc cgatttcggc ctattggtta aaaaatgagc tgatttaaca 3660
188 aaaatttaac gcgaatttta acaaaatatt aacgcttaca atttccattc gccattcagg 3720
189 ctgaactaga tctagagtcc gttacataac ttacggtaaa tggcccgcct ggctgaccgc 3780
190 ccaacgaccc ccgcccattg acgtcaataa tgacgtatgt tcccatagta acgccaatag 3840
191 ggactttcca ttgacgtcaa tgggtggagt atttacggta aactgcccac ttggcagtac 3900
192 atcaagtgta tcatatgcca agtacgcccc ctattgacgt caatgacggt aaatggcccg 3960
193 cctggcatta tgcccagtac atgaccttat gggactttcc tacttggcag tacatctacg 4020
194 tattagtcat cgctattacc atggtgatgc ggttttggca gtacatcaat gggcgtggat 4080
195 agcggtttga ctcacgggga tttccaagtc tccaccccat tgacgtcaat gggagtttgt 4140
196 tttggcacca aaatcaacgg gactttccaa aatgtcgtaa caactccgcc ccattgacgc 4200
197 aaatgggcgg taggcgtgta cggtgggagg tctatataag cagagctcgt ttagtgaacc 4260
198 gtcagatcgc ctggagacgc catccacgct gttttgacct ccatagaaga caccgggacc 4320
199 gatccagcct ccgcggccgg gaacggtgca ttggaacgga ccgtgttgac aattaatcat 4380
200 cggcatagta tatcggcata gtataatacg acaaggtgag gaactaaacc atggctagca 4440
201 aaggagaaga acttttcact ggagttgtcc caattcttgt tgaattagat ggtgatgtta 4500
202 atgggcacaa attttctgtc agtggagagg gtgaaggtga tgctacatac ggaaagctta 4560
203 cccttaaatt tatttgcact actggaaaac tacctgttcc atggccaaca cttgtcacta 4620
204 ctttctctta tggtgttcaa tgcttttccc gttatccgga tcatatgaaa cggcatgact 4680
205 ttttcaagag tgccatgccc gaaggttatg tacaggaacg cactatatct ttcaaagatg 4740

RAW SEQUENCE LISTING DATE: 01/27/2002
PATENT APPLICATION: US/10/038,001 TIME: 15:36:32

Input Set : D:\008010179CPUS01.txt
Output Set: N:\CRF3\01272002\J038001.raw

206 acgggaacta caagacgcgt gctgaagtca agtttgaagg tgataccctt gttaatcgta 4800
207 tcgagttaaa aggtattgat tttaaagaag atggaaacat tctcggacac aaactcgagt 4860
208 acaactataa ctcacacaat gtatacatca cggcagacaa acaaaagaat ggaatcaaag 4920
209 ctaacttcaa aattcgccac aacattgaag atggatccgt tcaactagca gaccattatc 4980
210 aacaaaatac tccaattggc gatggccctg tccttttacc agacaaccat tacctgtcga 5040
211 cacaatctgc cctttcgaaa gatcccaacg aaaagcgtga ccacatggtc cttcttgagt 5100
212 ttgtaactgc tgctgggatt acacatggca tggatgccaa gttgaccagt gccgttccgg 5160
213 tgctcaccgc gcgcgacgtc gccggagcgg tcgagttctg gaccgaccgg ctcgggttct 5220
214 cccgggactt cgtggaggac gacttcgccg gtgtggtccg ggacgacgtg accctgttca 5280
215 tcagcgcggt ccaggaccag gtggtgccgg acaacaccct ggcctgggtg tgggtgcgcg 5340
216 gcctggacga gctgtacgcc gagtggtcgg aggtcgtgtc cacgaacttc cgggacgcct 5400
217 ccgggccggc catgaccgag atcggcgagc agccgtgggg gcgggagttc gccctgcgcg 5460
218 acccggccgg caactgcgtg cacttcgtgg ccgaggagca ggactgacac tcgacctcga 5520
219 aacttgttta ttgcagctta taatggttac aaataaagca atagcatcac aaatttcaca 5580
220 aataaagcat ttttttcact gcattctagt tgtggtttgt ccaaactcat caatgtatct 5640
221 tatcatgtct 5650
223 <210> SEQ ID NO: 3
224 <211> LENGTH: 25
225 <212> TYPE: DNA
226 <213> ORGANISM: Porcine circovirus
228 <400> SEQUENCE: 3
229 tttatttaaa tggagccaca gctgg 25
231 <210> SEQ ID NO: 4
232 <211> LENGTH: 26
233 <212> TYPE: DNA
234 <213> ORGANISM: Porcine circovirus
236 <400> SEQUENCE: 4
237 tttatttaat acccacacca atgtcg 26
239 <210> SEQ ID NO: 5
240 <211> LENGTH: 26
241 <212> TYPE: DNA
242 <213> ORGANISM: Porcine circovirus
244 <400> SEQUENCE: 5
245 accatgccaa gcaagaaaag cggccc 26
247 <210> SEQ ID NO: 6
248 <211> LENGTH: 23
249 <212> TYPE: DNA
250 <213> ORGANISM: Porcine circovirus
252 <400> SEQUENCE: 6
253 ttttcactga cgctgccgag gtg 23
255 <210> SEQ ID NO: 7
256 <211> LENGTH: 7460
257 <212> TYPE: DNA
258 <213> ORGANISM: Porcine circovirus
260 <400> SEQUENCE: 7
261 agatctaggc ctgtgtggtc gacattggtg tgggtattta aatggagcca cagctggttt 60
262 cttttattat ttggctggaa ccaatcaatt gtttggtcca gctcaggttt gggggtgaag 120
263 tacctggagt ggtaggtaaa gggctgcctt atggtgtggc gggaggagta gttaatatag 180
264 gggtcatagg ccaagttggt ggagggggtt acaaagttgg catccaagat aacagcagtg 240

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/038,001

DATE: 01/27/2002
TIME: 15:36:33

Input Set : D:\008010179CPUS01.txt
Output Set: N:\CRF3\01272002\J038001.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application Number
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date